

Serial No. 10/717,276

IN THE CLAIMS

1-37. (Cancelled)

38. (Original) A cellulosic product comprising clay having 3R₂ stacking.

39. (Original) The product according to claim 38, wherein the product is paper.

40. (Original) The product according to claim 38, wherein the product is pulp.

41. (Previously Presented) The product according to claim 38, wherein the clay is cationic.

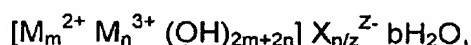
42. (Previously Presented) The product according to claim 38, wherein the clay comprises layers and interlayers, said interlayers comprising anions, and said layers comprising divalent and trivalent metal atoms in such a ratio that the overall charge of said layers are cationic.

43. (Previously Presented) The product according to claim 38, wherein the divalent metal atom is magnesium and the trivalent metal ion is aluminium.

44. (Previously Presented) The product according to claim 38, wherein the interlayers comprise anions selected from the group consisting of NO₃⁻, OH⁻, Cl⁻, Br⁻, I⁻, CO₃²⁻, SO₄²⁻, SiO₃²⁻, CrO₄²⁻, BO₃²⁻, MnO₄⁻, HGaO₃²⁻, HVO₄⁻, ClO₄⁻, pillaring or intercalating anions, carboxylates, sulphonates and mixtures thereof.

45. (Previously Presented) The product according to claim 38, wherein the interlayers comprise hydroxide, carbonate or mixtures thereof.

46. (Previously Presented) The product according to claim 38, wherein the clay is characterized by the general formula:



wherein m and n, independently of each other, are integers having a value such that m/n is in the range of from 1 up to 10; b is an integer having a value in the range of from 0 to 10; z is an integer from 1 to 10, X_{n/z}^{z-} is an anion where z is an integer from 1 to 10; M²⁺ is a divalent metal atom selected from the group consisting of Be, Mg, Cu, Ni, Co, Zn, Fe, Mn, Cd, Ca and mixtures thereof; and M³⁺ is a trivalent metal atom selected from the group consisting of Al, Ga, Ni, Co, Fe, Mn, Cr, V, Ti, In and mixtures thereof.

47. (Previously Presented) The product according to claim 38, wherein the clay is selected from the group consisting of hydrotalcite, manasseite, pyroaurite,

Serial No. 10/717,276

sjögrenite, stichtite, barbertonite, takovite, reevesite, desautelsite, motukoreaite, wernlandite, meixnerite, coalingite, chloromagalumite, carrboydite, honessite, woodwardite, iowaite, hydrohonessite, mountkeithite, and mixtures thereof.